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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/036,444

DATE: 02/01/2002

TIME: 11:35:29

Input Set : N:\Crif3\RULE60\10036444.raw

Output Set: N:\CRF3\02012002\J036444.raw

1 <110> APPLICANT: INNATE PHARMA S.A.S.
 2 UNIVERSITA DI GENOVA
 3 <120> TITLE OF INVENTION: "Novel triggering receptor involved in natural
 4 cytotoxicity mediated by human Natural Killer cells and
 5 antibodies that identify the same"
 6 <130> FILE REFERENCE: SEQ-FR-1060
 7 <140> CURRENT APPLICATION NUMBER: US/10/036,444
 8 <141> CURRENT FILING DATE: 2002-01-07
 9 <150> PRIOR APPLICATION NUMBER: 09/440,514
 10 <151> PRIOR FILING DATE: 1999-11-15
 12 <150> PRIOR APPLICATION NUMBER: 09/456,199
 13 <151> PRIOR FILING DATE: 1999-12-07
 14 <160> NUMBER OF SEQ ID NOS: 13
 15 <170> SOFTWARE: PatentIn Ver. 2.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 674
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Human NK cell
 21 <400> SEQUENCE: 1
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 24 tgggtgtccc agccccctga gattcgtacc ctggaaggat cctctgcctt cctgcctgc 180
 25 tccttcaatg ccagccaagg gagactggcc attggctccg tcacgtgggt ccgagatgag 240
 26 gtgggtccag ggaaggagggt gaggaatgga accccagagt tcagggggccg cctggcccca 300
 27 cttgcttctt cccgtttcct ccatgaccac caggctgagc tgcacatccg ggacgtgcga 360
 28 ggccatgacg ccagcatcta cgtgtgcaga gtggagggtc tgggccttgg tgcgggaca 420
 29 gggaatggga ctgggtgggt ggtggagaaa gaacatcctc agctaggggc tggtagagtc 480
 30 ctctccttc gggctggatt ctatgctgtc agctttctct ctgtggccgt gggcagcacc 540
 31 gtctattacc agggcaaagt ccactgtcac atgggaacac actgccactc ctcatatggg 600
 32 ccccgaggrg tgattccaga gccagatgt cctagtcct cttcaaaaga cccaataaa 660
 33 tctgccccac cact 674
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 36 <211> LENGTH: 190
 37 <212> TYPE: PRT
 38 <213> ORGANISM: Human NK cell
 39 <400> SEQUENCE: 2
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 41 1 5 10 15
 42 Cys Ala Leu Trp Val Ser Gln Pro Pro Glu Ile Arg Thr Leu Gly Gly
 43 20 25 30
 44 Ser Ser Ala Phe Leu Pro Cys Ser Phe Asn Ala Ser Gln Gly Arg Leu
 45 35 40 45
 46 Ala Ile Gly Ser Val Thr Trp Phe Arg Asp Glu Val Val Pro Gly Lys

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47          50          55          60
48  Glu Val Arg Asn Gly Thr Pro Glu Phe Arg Gly Arg Leu Ala Pro Leu
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50  Ala Ser Ser Arg Phe Leu His Asp His Gln Ala Glu Leu His Ile Arg
51      85          90          95
52  Asp Val Arg Gly His Asp Ala Ser Ile Tyr Val Cys Arg Val Glu Val
53      100          105          110
54  Leu Gly Leu Gly Val Gly Thr Gly Asn Gly Thr Arg Leu Val Val Glu
55      115          120          125
56  Lys Glu His Pro Gln Leu Gly Ala Gly Thr Val Leu Leu Arg Ala
57      130          135          140
58  Gly Phe Tyr Ala Val Ser Phe Leu Ser Val Ala Val Gly Ser Thr Val
59      145          150          155          160
60  Tyr Tyr Gln Gly Lys Cys His Cys His Met Gly Thr His Cys His Ser
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72  Cys Ala
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81  Ala Phe Leu Pro Cys Ser Phe Asn Ala Ser Gln Gly Arg Leu Ala Ile
82      20          25          30
83  Gly Ser Val Thr Trp Phe Arg Asp Glu Val Val Pro Gly Lys Glu Val
84      35          40          45
85  Arg Asn Gly Thr Pro Glu Phe Arg Gly Arg Leu Ala Pro Leu Ala Ser
86      50          55          60
87  Ser Arg Phe Leu His Asp His Gln Ala Glu Leu His Ile Arg Asp Val
88      65          70          75          80
89  Arg Gly His Asp Ala Ser Ile Tyr Val Cys Arg Val Glu Val Leu Gly
90      85          90          95
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93  His Pro Gln Leu Gly Ala Gly Thr
94      115          120
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 19
98 <212> TYPE: PRT

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99 <213> ORGANISM: Human NK cell
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 103 Ala Val Gly
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 106 <211> LENGTH: 33
 107 <212> TYPE: PRT
 108 <213> ORGANISM: Human NK cell
 109 <400> SEQUENCE: 6
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 112 Cys His Ser Ser Asp Gly Pro Arg Gly Val Ile Pro Glu Pro Arg Cys
 113 20 25 30
 114 Pro
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 119 <213> ORGANISM: Artificial Sequence
 120 <220> FEATURE:
 121 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide derived
 122 from natural sequence, useful for antiserum
 123 production
 124 <400> SEQUENCE: 7
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 130 <212> TYPE: DNA
 131 <213> ORGANISM: Artificial Sequence
 132 <220> FEATURE:
 133 <223> OTHER INFORMATION: Description of Artificial Sequence: up primer for
 134 NKp30 cDNA probe of for NKp30 cDNA amplification
 135 <400> SEQUENCE: 8
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 138 <210> SEQ ID NO: 9
 139 <211> LENGTH: 40
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 141 <213> ORGANISM: Artificial Sequence
 142 <220> FEATURE:
 143 <223> OTHER INFORMATION: Description of Artificial Sequence: down primer for
 144 NKp30 cDNA probe amplification
 145 <400> SEQUENCE: 9
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 151 <213> ORGANISM: Human NK cell
 152 <400> SEQUENCE: 10

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153      ttccgacatg gcctggatgc tgttgctcat cttgatcatg gtccatccag gatcctgtgc 60
154      tctctgggtg tcccagcccc ctgagattcg taccctggaa ggatcctctg ccttcctgcc 120
155      ctgctccttc aatgccagcc aaggagact ggccattggc tccgtcacgt ggttccgaga 180
156      tgaggtggtt ccaggaagg aggtgaggaa tggaacccca gagttcaggg gccgcctggc 240
157      cccacttgct tcttcccgtt tcttccatga ccaccaggct gagctgcaca tccgggacgt 300
158      gcgaggccat gacgccagca tctacgtgtg cagagtggag gtgctggggc ttggtgtcgg 360
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160      a
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163 <211> LENGTH: 22
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence:down primer for
168      NKp30 cDNA amplification
169 <400> SEQUENCE: 11
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172 <210> SEQ ID NO: 12
173 <211> LENGTH: 606
174 <212> TYPE: DNA
175 <213> ORGANISM: Human NK cell
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179      ctgctccttc aatgccagcc aaggagact ggccattggc tccgtcacgt ggttccgaga 180
180      tgaggtggtt ccaggaagg aggtgaggaa tggaacccca gagttcaggg gccgcctggc 240
181      cccacttgct tcttcccgtt tcttccatga ccaccaggct gagctgcaca tccgggacgt 300
182      gcgaggccat gacgccagca tctacgtgtg cagagtggag gtgctggggc ttggtgtcgg 360
183      gacagggaaat gggactcggc tgggtgtgga gaaagaacat cctcagctag gggctggtac 420
184      agtctctctc cttcgggctg gattctatgc tgtcagcttt ctctctgtgg ccgtgggcag 480
185      caccgtctat taccagggca aatgccactg tcacatggga acacactgcc actcctcaga 540
186      tgggccccga ggrgtgattc cagagcccag atgtccctag tctcttcaa aagaccccaa 600
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196      ttcaatgccg gccaaggag actggccatt ggctccgtca cgtggttccg agatgaggtg 180
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